				Applica	tion Nu	mber	10/002					
(AIEADA)	4 7 1 0 N	DIEC	OCUDE	Filing C	ate	•	Novemb		2001			
STATEM	ALIUN FNT R	VIOU V ADI	LOSURE PLICANT	First N	amed in	ventor	Toshio	UENO				
OIAILM	L (1) D	174	LOAN!	Group	Art Unit		3623				<u>. </u>	
				Examir	Examiner Name Romain Jeanty							
Sheet	1	of	1	Attorne	y Docke	et Number	01702/	LA				
				U.S	. PATE	NT DOCUMENTS	s ·					
Examp: Inits	Cite No'	Docum	nent Number		Kind Code ²	Name of Pat	entee or Appli	i ca nt	Publication	n Date	Relevant	Portion
KX		5,19	7,005		A	SHWARTZ e	tal		03-23-	1993		
THANA		5,44	16,883		A	KIRKBRIDE	et al		08-29-	1995		
ORY		6,76	6,320		Bl	WANG et a	1		07-20-	2004		
71												
0				_				-				
												-
	1-			, ,								
	1										··	
	-	 										
			· · · · · ·	FORE	IGN PA	TENT DOCUME	NTS					-
Exam Inits	Cite No	Office ³	Document Number	A .	Kind Code ⁶	Name of Pat Applica		Public MM-0	ation Date	Releva	nt Portion	T⁵
					<u> </u>							
			<u> </u>		<u> </u>							
		<u> </u>	/									
Examiner Signature		18	mam	Jean J	ty_		ate Considered	16	423	105		

*EXAMINER: Initial if reference considered, whether or not obtain is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

DATE MAILED: August 18. 2005

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Mark here If English translation is attached.

PTO/SB/08A

				Applica	tion Nu	mber	10/002	,743				
INFORM	RATION	DISC	LOSURE	Filing ()ate		Novemb	er 2,	2001			
STATE	MENT B	Y APE	PLICANT	First N	amed In	ventor	Toshio	Toshio UENO				
• • • • • • • • • • • • • • • • • • •			CIOAIII	Group Art Unit 3623								
				Examir	ner Nam	19	Romain		: y			
Sheet	1	of	2	Attome	y Dock	st Number	01702/	LH				
				u.s	S. PATE	NT DOCUMENTS	5		-			
Exem. trits*	Cite No¹	Docum	ent Number		Kind Code ³	Name of Pat	entee or Appl	icent	Publicatio MM-00-		Relevant	Portion
		5819	272		À	Benson, M	ax L.		10-06-	-1998		
•		6487	560		B1	LaRue et	al.		11-26-	-2002		
		6694335				Hopmann e	n et al.			-2004		
		6836	830		B1	Yamagami	et al.		12-28-	-2004		
		2002	/0129047		Al	Cane et a	1.		09-12-	-2002		
		2002	/0133509		A1	Johnston	et al.		09-19-	-2002		
		2001	/0013063		Al	Hall et a	1.		08-09-	2001		
		6467	880		B1	alSafadi	et al.		10-15-	2002		
				FORE	IGN PA	TENT DOCUMEN	rs er	_				
Exam Inits	Cite No¹	Office ²	Document Number ⁴		Kind Code ⁵	Name of Pate Applica			ition Date 9-YYYY	Relevar	nt Portion	T ⁰
		WO.	01/02954		Al	KONINKLIJI PHILIPS ELECTRONI	•	01-1:	l∸2001			
		DE .	01 05 532		A1	HEWLETT-PA	ACKARD	08-09	9-20 <u>0</u> 1			
Exeminer Signature		To	nam	ty.		ate onsidered	12	123/	05			

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE MAILED: June 17, 2005

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents, ⁸ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁹ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Mark here if English translation is attached.

PT0/SB/08B

					Application Number	10/002,743				
INEOE	DEARTIC	N1 F	NECL	OCUPE	Filing Date	November 2, 2001				
STAT	INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Toshio UENO ·				
STATEMENT BY AFFEIGANT				Group Art Unit	3623					
					Examiner Name	Romain Jeanty				
Sheet	2		of	2	Attorney Docket Number	01702/LH				
					NON PATENT LITERATURE DO	CUMENTS				
Exam Inits'	Ci No		Include (bod	name of the a k, magazine,	author (in CAPITAL LETTERS), tit journal, serial, symposium, catalo publisher, city and/or cour	tie of the article (when appropriate), title of the item g, etc.), date, page(s), volume issue number(s), ntry where published.	ް .			
		1	Commur Novemb	scation pursua er 19, 2004	ant to Article 96(2) EPC issued in	European Application No. 02 770 188.7-2221 on				
Examiner Signature	•	X	oma	in le	anty	Date Considered /2/23/05				

^{*} EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line inrough citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE MAILED: June 17, 2005

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Mark here if English translation is attached.

ODSETT	pre			A/PTOBLE	Fil	ing D	ion-Number der der Herender		rember 2.5 2001.	etal i garet	H.C.
inford Stated	atio Ent	N DIS	PLIC	ant		First Named Inventor					_
					Gro	Group Art Unit Romain Jeanty					
					Bx	aminer	Name				
Sheet	of 2					torney	Docket Number	01	702/LH		
				℧.	s.	PATE	NT DOCUMENTS				
Exam. Inite	Cite No'	Documen	nt Num	ber	(Kind Code ²	Name of Patentee Applicant	r	Publication Date MM-DD-YYYY	Relevant Portion	
An I	-	5,287,	505			A ·	CALVERT et al		02-15-1994		
141	_	5,964,	891			A	CASWELL et al		10-12-1999		
M		6,032,	184		Ì	A	COGGER et al		02-29-2000		
	i	6,219,	648			в1	JONES et al		04-17-2001		
		2002/0	03267	12		A1	KEITH, JR.		03-14-2002		
		6,389,	426			B1	TURNBULL et al		05-14-2002		
		2002/0	0593	59		Al	KERN et al		05-16-2002		
		2002/0	1206	34		A1	CHRISTFORT et al	L	08-29-2002		
		6,463	, 437			в1	MONGILIO		10-08-2002		
\ '		6,539	,419			В2	BECK et al		03-25-2003		
		6,735	, 592			B1 .	NEUMANN et al		05-11-2004		
		6,802	,042			B2	RANGAN et al		10-05-2004		
				CVR	REI	SN PA	TENT DOCUMENTS	;	<u> </u>		
Exam	Cite			ent Number		Kind Code	Name of Patentee		Publication Date MM-DD-YYYY	Relevant Portion	T'
Inila.	No,	Otic	Docum	ent number		T					
		1									
	ļ.	1 1									
	1	1 1		$\overline{}$		İ		•		j	ı

EXAMINEN: Initial if reference considered, package or hot citation is in conformance with MPEP 809. Driw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Unique citation designation number. ** See kinds of 0.9. Patent Documents. ** Enter Office that issued the document, by the two-line code (WIFO Standard 97.3). ** for Japanese patent documents, the indication of the year of the raign of the Emperor must precede the Serial number of the patent document. ** Kind of document by the appropriate symbols as indicated on the document under WIFO Standard ST. 16 if possible. ** Place a check here it English translation is oftached.

DATE MAILED: March 7, 2005

INFORM STATEN	ATION IENTIE	DISCI WARE	OSÜRE EIGANT			Group Art Unit Examiner Nan	iventor	November Toshio JE Romain Je	2, 2001. No. 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1754 - 1	V c di	
Sheet	2		of		2	Altomey Dock		01702/LH			
Exam Inits		Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.								
R	}		Hilbert Over the Engine	David ne Inter ering, A	M., et a net" Pri April 19	al., "An Appro oceeding of th 98, ISBN 0-8	ach to Large le 20 th Intern 186-8368-6,	-Scale Collectional Confe pages 136-1	ction of Application Usage Data erence on Software 142.		
Examine: Signature		19	one	im	Je	auty_		Dale Considered	12/23/05		

^{*}EXAMINER: Initial if reference considered, whether or polycitation is in conformance with MPEP 609. Draw the through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE MAILED: March 7, 2005

Unique citation designation number. ² See kinds of US/Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Mark here if English translation is attached.

Please	type	a braz	sign (+)	inside thi	s box -		. Patent and Trademar	k Of		/SB/08A (08~		
Substi	itute	for F	orm 144	9A/PTO	Ap		tion Number		/002,743	(PE)		
					Fi	ling	Date	No	vember 2, 200		1	
			ISCLOS APPLIC		Fi	rst N	amed Inventor	To	shio UENO	AR 2 2 2002		
					Gr	oup A	rt Unit	3	3623	Ze mostuarito	·	
					Ex	amine	r Name			·		
Sheet	1		of	2	At	torne	y Docket Number	01702/LH				
					U.S.	PATI	ENT DOCUMENTS					
Exam. Inits*	Cite No¹	Docur	ment Num	ber		Kind Code²	Name of Patentee Applicant	or	Publication Date MM-DD-YYYY	Relevan Portion		
				•			, 		•			
ı.						,						
								_				
		<u> </u>		FC	DREIG	N PA	TENT DOCUMENTS					
Exam Inits	Cite No ¹	Offc ³	Docume	nt Number'		Kind Code ^s	Name of Patentee Applicant	or	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶	
(10)	-	JР	2000-1	.55778		A	HITACHI LTD.		06-06-2000		*	
0												
			*Engli Abstra	sh langu ct Only	age							
			į									
į												
	I	l .								1		

Date

DATE MAILED: March 15, 2002

Examiner

Please type a plus sign (+) inside this box \rightarrow PTO/SB/08B (08-00) U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Signature Considered 72.23 55

* EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP/609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Unique citation designation number. 2 See winds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 3 Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 4 Place a check here if English translation is attached.

DATE MAILED: March 15. 2002

V				-				
Substitu	te fo	Form	144	9A/PTO	Applicati	ion Number	1 002,743	
				·	Filing Da	ate	November 2, 2001	
INFORMA STATEME					First Nam	med Inventor	Toshio UENO	
					Group Art	Unit	WR 7 2 2002	
					Examiner	Name	1	
Sheet	2		of	2	Attorney	Docket Numbe	er 01702/LH	
		OTHE	R P	RIOR AR	T - NON-PA	TENT LITER	RATURE DOCUMENTS	
Examiner Initials ¹	Cite No.1	Incl pa	ude na ge(s)	me of auti	nor (in CAPITAL saue number(s),	LETTERS), title publisher, city	e of article, title of item, date, y and/or country where published	T²
		U.S. S invent	erial	No. 09/81 ineo Nozak	3,209, filed Ma i and Toshio UE	rch 20, 2001, en	entitled TECHNICAL SUPPORT SYSTEM,	
Examiner Signatur	e	1	emp	im Je	anty	Date Considered	12/23/05	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEF 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Place a creck here if English translation is attached.

March 15, 2002 DATE MAILED:

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

						0.5	. Patent and Trademar			HENT OF COM	ribite!
Substi	tute	for Fo	orm 144	9A/PTO	Ä	plica	tion Number	l	/002,743		
					Fi	ling	Date	No	vember 2, 2001		
			SCLOS'		Fi	First Named Inventor Toshio UENO					
	, K.	ત્રી			Gr	oup A					
SEP 2	3 2004	6)			Ex	amine	r Name	Ro	main Jeanty	<u> </u>	
B eet	1.0) —	of	1	At	torne	y Docket Number	01	702/LH		
4000	050			!	U.S.	PATE	ENT DOCUMENTS	<u> </u>			
Exam. Inits*	Cite No ¹	Docum	ent Num	ber		Kind Code ²	Name of Patentee of Applicant	or	Publication Date MM-DD-YYYY	Relevan Portio	
	-	2001	/005195	2		A1	NAKAZATO, Toshia	ki	12-13-2001	•	
		6,51	3,052			B1	BINDER, Erin		01-28-2003		
9		6, 678	8,764			В2	PARVULESCU et al 01-13-2004				
\bigvee	2002/0156692						SQUEGLIA et al		10-24-2002		
	<u> </u>										
		1		F	OREI	SN PA	TENT DOCUMENTS				_
Exam Inits	Cite No ¹	Offc³	Docume	nt Number	1	Kind Code ⁵	Name of Patentee Applicant	or	Publication Date MM-DD-YYYY	Relevant Portion	Te
			1								
			•								
				`							
Fueric			4			1.	l Data		. /	· · · · · · · · · · · · · · · · · · ·	
Examin Signat	ure	4	1X6m	am >	eant	- 1_	Date Considered	12	123/05		
EXAMINER	· Ynit	131 18 -	· Varabaa	dono i do zod/	Libothor	Za = ===	citation is in conformance	10 111	AP MENE COO Dear	ine through	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE MAILED: September 23, 2004

Unique citation designation number. ² See Vinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese datent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Place a check here if English translation is attached.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE 10/002,743 Application Number Substitute for Form 1449A/PTO Nov. 2, 2001 Filing Date INFORMATION DISCLOSURE T. UENO First Named Inventor STATEMENT PER APPLICANT 2163 Group Art Unit 362 FEB 1 8 2004 Examiner Name 01702/LH Attorney Docket Number Sheet of BADEN U.S. PATENT DOCUMENTS Kind Name of Patentee or Cite No¹ Publication Relevant Document Number Code² Applicant Date MM-DD-YYYY Init Portion 5,365,310 A Jenkins et al 11-15-1994 5,459,552 Α Ohira 10-17-1995 5,819,110 Α Motoyama 10-06-1998 FOREIGN PATENT DOCUMENTS Publication Kind Name of Patentee or Relevant Date MM-DD-Offc Document Number4 Code⁵ T⁶ Applicant Portion YYYY 0 843 229 A2 Canon Information 05-20-1998 Systems, Inc. DE 100 29 455 A1 Mitsubishi 07-19-2001 International GmbH ÉP 1 182 857 A2 Hitachi, Ltd. 02-27-2002 EP 0 822 473 A2 Canon Kabushiki 02-04-1998 Kaisha FEB 2 6 2004 GROUP 3600 Examiner Date Signature 6mam Considered Draw line through

• EXAMINER: Initial if reference considered, whether or not citation is in conformance with MHEP 609. Draw line to citation if not in conformance and not considered Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication . of the year of the reign of the Emperor must precede the serial number of the patent document. 4 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 4 Place a check here if English translation is attached.

DATE MAILED: February 19, 2004

Please type a pus sign inside this box →

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

				U	.S. Pat	ent and Trademark Off		ENT OF COMP	IRKC
		for	Form		Appi	ication Number	10/002,743		
1449A	/PTO				Fili	ng Date	November 2, 2	001	
				OSURE		t Named	Toshio UENO		
					Grov	p Art Unit	3623		
					Exam	iner Name			
Sheet	1		of	2	Atto Numb	rney Docket er	01702/LH		
				υ.	S. PA	TENT DOCUMENTS			
				FORE	EIGN :	PATENT DOCUMENT	rs		
Exam	Cite	Offc		nt Number	Kind Code ⁵	Name of Patentee of	or Publication	Relevan t Portion]
Inits'	No1	<u> </u>		· · · · · · · · · · · · · · · · · · ·		Applicant	04-21-2000	 	H,
KG	+	JP		115393	A	CANON INC.			
	l	JP	8-447		A	FUJITSU LTD.	02-16-1996		
-	İ	JP	11-23	2327	A	HITACHI LTD.	08-27-1999	İ	*
		JP	2000-	305872	A	FUJITSU LTD.	11-02-2000		1
-		JР	2000-	215204	A	SHARP CORP.	08-04-2000		1
		JР	2001-	084276	A	OKI ELECTRIC IN	D. 03-30-2001	;	•
		JР	11-25	0130	A	FUJITSU LTD.	09-17-1999		
Ψ		JР	2001-	160103	A	KONICA CORP.	06-12-2001		,
			*Engl langu Abstr						
Exami Signa			Dom	am le	anty	Date Considered	12/23/15		-

Signature

EXAMINER: Initial if exercise considered, whether is not citation is in conformance with MFEP 609/ Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. See kinds of U/S. Patent Documents. Enter Office that issued the document, by the two-letter code (MIPO Standard ST. 3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under MIPO Standard ST. 16 if possible. Place a check here if English translation is attached.

DATE MAILED: March 20, 2002

PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substit	11te 1	for Ro) Y TRI		Applicat	ion Number	10/002,743				
1449A/P		LOI FC	JIII		Filing D	ate	November 2, 2001				
INFORM					First Na Inventor		Toshio UENO				
					Group Ar	t Unit	3623				
					Examiner	Name					
Sheet	2		of	2	Attorney Number	Docket	01702/LH				
	OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS										
Examine r Initial s ¹	Cit e No.	Inc	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published								
9		U.S. METHO U.S. METHO Toshi U.S. SUPPO U.S. SYSTE STUDY U.S. SYSTE	Seria D AND Seria D AND O UEN Seria RT SY Seria M AND YING (Seria	al No. 10/00 al No. 10/00 computer invention of the computer invention	PROGRAM FOR 02,742, file PROGRAM PROD 02,744, file ntor: Toshio 02,745, file ntor: Toshio 02,771, file PROGRAM PROD entor: Toshi 02,772, file	RANK ASSIGNMENT, d November 2, 20 uct FOR COMPLAIN d November 2, 20 ueno d November 2, 20 ueno d November 2, 20 ueno d November 2, 20 uct Providing BA o Ueno d November 2, 20	02, entitled SYSTEM, inventor: Toshio UENO 02, entitled SYSTEM, T REPORT ISSUE, inventor: 02, entitled TECHNICAL 02, entitled TECHNICAL 02, entitled METHOD, CKUP DATA FOR USE IN 02, entitled METHOD, ITH THE CHANGES IN				
Examiné Signatu			Ko	man	earty	Date Considered	12/23/05				

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Place a check here if English translation is attached.

DATE MAILED: March 20, 2002